

# TOSHIBA

# IK-64DNA

IR DAY/NIGHT CCTV CAMERA



*lens not included*

Low-Light, High Performance!

## IR-SENSITIVE

*The IK-64DNA provides the flexibility of controlling the IR cut filter by a dry contact or RS-422*

- 0.003 lux @ 1.2 minimum illumination in B&W, 0.1 lux @ F1.2 in color
- IR-sensitive CCD with auto-switching infrared-cut filter for improved low light and infrared performance
- 3-mode switching for Color to B&W: AUTO, RS422 remote control, and manual switching
- 570 horizontal TV lines in B&W mode
- 480 horizontal TV lines color
- Simple menu-driven programming
- Remote control via RS422
- Up to 1/100,000 shutter speed
- 50dB Signal-to-Noise Ratio
- 3 Year Limited Warranty

# IK-64DNA

## IR DAY/NIGHT CCTV CAMERA

Pick-Up Element	1/3" IR Sensitive CCD
Effective Picture Elements	768 (H) x 494 (V)
Resolution	570 TVL Horizontal in Black and White; 480 TVL Horizontal in Color
Minimum Subject Illumination	0.003 lux @ F1.2 Black and White; 0.1 lux @ F1.2 in Color
AWB Range	2,500°K to 10,000°K, Manual
Lens Mount	CS
Communication Port	RS422 for remote control
Backlight Compensation	Four Mode BLC Function
S/N Ratio	50dB (AGC Off, Weight On)
Video Output	VBS 1V P-P (75 Ω)
Video Format	NTSC, 2:1 Interlace
Sync System	Line-Lock/Internal
Gamma Compensation	0.45 fixed
Auto Electric Shutter	ON (1/60 to 1/100,000), OFF (1/60)
Gain Control	Average AGC-STD (21dB), HIGH (30dB)
Ambient Temperature	14° F to 122° F, 90% Max Relative Humidity
Camera Mounting Method	1/4-inch x 20 Threaded Hole Provided (Top and Bottom)
Power Supply	AC 24V ±10%/60Hz ±1Hz, DC 12V±10%
Dimensions	2.48-inch(W) x 1.97-inch(H) x 4.57-inch(D)
Weight	21.2 ounces
Auto-Iris Lens Support	DC/Video Type
Day/Night Function	AUTO/Manual Adjustable threshold from B/W to Color (LOW=4.5Lx, HIGH=7.5Lx)
Set Up Menu	Day/Night Function, Shutter Speed, Gain, Sync, Backlight Compensation, Sharpness Control, White Balance, Camera Number
Safety Standard	UL2044, CSA
Emission Standard	FCC/A, DOC/A

### IK-64DNA IMAGING IN LOW LIGHT



STEP ONE: Removable IR cut filter adjusts either automatically or by dry contact closure (actual image)



STEP TWO: Camera switches to black and white in low light (actual image)



STEP THREE: Add IR Illuminator to enhance the image (actual image)

The Toshiba IK-64DNA's CCD has a sensitivity to IR light in the 900 nm range.

This advanced IR function plus the camera's day-night mode makes it a cost-effective solution for parking facilities, warehouses, highways and other low-light applications requiring sharp, highly detailed images day and night.

### MAIN FEATURES

- Day/night imaging
- IR sensitive CCD
- 0.003 lux @ F=1.2 (b&w)
- 50 dB signal-to-noise
- 570 TVL black & white
- 480 TVL color
- 1/100,000 shutter speed
- RS422
- 3 year limited warranty



### APPLICATIONS

- Parking lots
- Public buildings
- Warehouses
- Loading docks
- Outdoor parks
- School grounds
- Highways
- Tollbooths
- Retail malls
- Government

